

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 11-204262

(43)Date of publication of application : 30.07.1999

(51)Int.Cl. H05B 33/14
C09K 11/06
H05B 33/22

(21)Application number : 10-005103

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(22)Date of filing : 13.01.1998

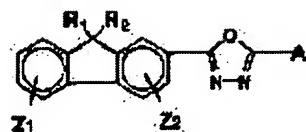
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(54) ORGANIC ELECTROLUMINESCENT ELEMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To provide an organic electroluminescent element excellent in luminous efficiency and emitting light with high intensity by interposing one or more layers containing at least one of specific compounds between a pair of electrodes.

SOLUTION: One or more layers containing at least one of the compounds expressed by the formula are interposed between a pair of electrodes. In the formula, Ar is a substituted or unsubstituted aryl group; R1 and R2 are each a hydrogen atom, a straight chain, branched chain or cyclic alkyl group, a substituted or unsubstituted aryl group, or a substituted or unsubstituted aralkyl group; and Z1 and Z2 are each a hydrogen atom, halogen atom, straight chain, branched chain or cyclic alkyl group, a straight chain, branched chain or cyclic alkoxy group, or a substituted or unsubstituted aryl group. In this case, the layer containing the compound is a luminescent layer or an electron injection and transport layer, contains a luminescent organic metal complex and has a positive hole injection and transport layer and an electron injection and transport layer between the pair of electrodes.



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[Date of request for examination] 07.07.2003

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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